An Exploration of Agrotech

February 21, 2022

Registration number:	Your registration number
Project:	(Agrotech, Seq2seq translation, Imbalanced datasets, Causal inference)
Link to GitHub:	`http:`

Executive summary (max. 250 words)	Your word count
Introduction (max. 600 words)	Your word count
Data (max. 500 words/dataset)	Your word count
Methodology (max. 600 words)	Your word count
Conclusions (max. 500 words)	Your word count
Total word count	Your word count

Contents

Figure 1: This frog was uploaded via the file-tree menu.

Abstract

Your executive summary goes here.

1 Introduction

Your introduction goes here! Simply start writing your document and use the Recompile button to view the updated PDF preview. Examples of commonly used commands and features are listed below, in Section 5, to help you get started. Instructions on what to include in each section are given in the assignment description here.

2 Data

If you have only one dataset to work on, there is no need to add subsections to this section. Otherwise, simply use the subsection command as shown in the tutorial below to create separate subsections for each of the datasets. The title of the subsection should be representative of the dataset (and not "Dataset 1/2/3"). Make sure you properly cite the origin of the dataset/s.

3 Methodology

Add subsections as needed.

4 Conclusions

Should not include subsections.

From here (included) to line 139, there is a tutorial for you to learn how to add tables, figures, create subsections, etc. You should delete all of that after reading it, and not submit it as part of your report.

5 Latex Tutorial

To get the word count per section, you can use: `https://app.uio.no/ifi/texcount/online.php`

This section is only for you to learn how to write in LateX. Delete it after reading it.

5.1 How to include Figures

First you have to upload the image file from your computer using the upload link in the file-tree menu. Then use the includegraphics command to include it in your document. Use the figure environment and the caption command to add a number and a caption to your figure. See the code for Figure 1 in this section for an example. Include the code for figures and tables directly after the paragraph where you reference them.

Note that your figure will automatically be placed in the most appropriate place for it, given the surrounding text and taking into account other figures or tables that may be close by (which is waaaay nicer than doing it on Word!). You can find out more about adding images to your documents in this help article on including images on Overleaf.

Item	Quantity
Widgets	42
Gadgets	13

Table 1: An example table.

5.2 How to add Tables

Use the table and tabular environments for basic tables — see Table 1. For more information, please see this help article on tables.

5.3 How to add Lists

You can make lists with automatic numbering ...

1. Like this,
2. and like this.

... or bullet points ...

- Like this,
- and like this.

5.4 How to write Mathematics

LaTeX is great at typesetting mathematics. Let $X_1, X_2, \ldots, X_n$ be a sequence of independent and identically distributed random variables with $\mathrm{E}[X_i] = \mu$ and $\mathrm{Var}[X_i] = \sigma^2 < \infty$, and let

$$S_n = \frac{X_1 + X_2 + \cdots + X_n}{n} = \frac{1}{n}\sum_{i}^{n} X_i$$

denote their mean. Then as n approaches infinity, the random variables $\sqrt{n}(S_n - \mu)$ converge in distribution to a normal $\mathcal{N}(0, \sigma^2)$.

5.5 How to add Citations and a References List

You can simply upload a `.bib` file containing your BibTeX entries, created with a tool such as JabRef. You can then cite entries from it, like this: [1]. Just remember to specify a bibliography style, as well as the filename of the `.bib`. You can find a video tutorial here to learn more about BibTeX.

References

[1] G. D. Greenwade. The Comprehensive Tex Archive Network (CTAN). *TUGBoat*, 14(3):342–351, 1993.